

**ABSTRACT**

**REDUCTION OF NO<sub>x</sub> IN LOW CO PARTIAL-BURN OPERATION  
USING FULL BURN REGENERATOR ADDITIVES**

The present invention relates to the reduction of the concentrations of nitrogen oxides (NO<sub>x</sub>) from a fluid catalytic cracking (FCC) regenerator by operating the regenerator in partial CO burn mode with a NO<sub>x</sub> reducing catalyst system.